FINAL EDITION

GOVERNMENT OF MADRAS

DETAILED IRRIGATION BUDGET

FOR THE YEAR

1940-1941

(MAJOR HEADS XVII, 17, 18, 19 AND 68)
[GRANTS VIII AND XXXII]

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DETAILED IRRIGATION BUDGET

FOR THE YEAR

1940-1941

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18 MAY 1940

DETAILED IRRIGATION BUDGET

FOR THE YEAR

1940-1941.

ABSTRACT OF EXPENDITURE ON IRRIGATION WORKS.

Head of account. (1)	Details. (2)	Budget Estimate, 1940–1941. (3)
		RS.
XVII. Irrigation, Navigation, Embankment and Drainage Works for which Capital Accounts are kept —Working Expenses.	Extensions and Improvements	1,41,500
	Maintenance and Repairs	23,58,900
	Establishment (including Pensionary charges)	12,64,300
	Tools and Plant	22,900
	Provision for Flood Repairs	3,63,300
	Total—' XVII '—Working Expenses ..	41,50,900
17. Interest on works for which capital accounts are kept (Irrigation, Navigation, etc.).	Interest on works	88,15,000
18. Irrigation—Other Revenue expenditure financed from ordinary revenues— I. Works in charge of Public Works Department.	Works	28,100
	Extensions and Improvements	1,60,000
	Maintenance and Repairs	16,38,400
	Establishment	5,88,000
	Tools and Plant	16,400
	Other charges (including Grants-in-aid) ..	35,400
	Lump deduction on account of probable savings	— 400
	Provision for Flood Repairs	1,21,000
	Deduct—Amount financed from Famine Relief Fund. (See pages 7 and 8 *infra*) ..	..
	Total—I. ..	25,86,900
II. Minor Irrigation (Revenue department).	Minor Irrigation	12,12,400
	Total—' 18 ' ..	37,99,300

DETAILED IRRIGATION BUDGET, 1940-1941

ABSTRACT OF EXPENDITURE ON IRRIGATION WORKS—*cont.*

Head of account. (1)	Details. (2)	Budget Estimate, 1940-1941. (3)
		RS.
19. Construction of Irrigation, Navigation, Embankment and Drainage Works—Financed from Ordinary Revenues.	Works	39,700
	Establishment (including Pensionary charges)	13,200
	Tools and Plant	300
	Lump addition for re-grant of lapses ..	500
	Lump deduction for probable savings ..	— 800
	Total—'19' ..	52,900
68. Construction of Irrigation, Navigation, Embankment and Drainage Works.	Works (excluding lump addition and deduction specified below)	3,58,000
	Establishment (including Pensionary charges)	1,10,900
	Tools and Plant	2,800
	Suspense	— 1,000
	Lump addition for re-grant of lapses ..	1,000
	Lump deduction on account of probable savings	— 7,300
	Deduct—	
	Recoveries on Capital Account	— 26,000
	Total—'68' ..	4,38,400

GRANT VIII—IRRIGATION.

ESTIMATE OF THE AMOUNTS REQUIRED FOR EXPENDITURE IN 1940–1941.

VOTED .. .. Rs. 62,24,500

Charged .. .. *Rs. 88,37,100*

Summary by Major Heads.

Head of Account.	Accounts, 1938–1939.		Reviewed Budget, 1939–1940.		Revised Estimate, 1939–1940.		Budget Estimate, 1940–1941.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
XVII. Irrigation, Navigation, Embankment and Drainage Works for which Capital Accounts are kept—Working Expenses ..	*19,334*	26,78,977	*20,600*	27,29,000	*21,200*	28,38,300	*21,900*	29,43,800
17. Irrigation—Interest on works for which capital accounts are kept	*87,59,510*	..	*87,96,000*	..	*87,92,000*	..	*88,15,000*	..
18. Irrigation—Other Revenue Expenditure financed from Ordinary Revenues ..	..	32,25,333	..	33,81,600	..	33,54,200	..	32,40,500
19. Construction of Irrigation, Navigation, Embankment and Drainage Works ..	*797*	91,073	*700*	1,33,300	*600*	1,08,000	*200*	40,200
TOTAL—GRANT VIII—IRRIGATION.	*87,79,641*	59,95,383	*88,17,300*	62,43,900	*88,13,800*	63,00,500	*88,37,100*	62,24,500
	1,47,75,024		1,50,61,200		1,51,14,300		1,50,61,600	

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES.

Summary by Minor Heads and Sub-heads of appropriation.

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1938–1939.		Reviewed Budget, 1939–1940.		Revised Estimate, 1939–1940.		Budget Estimate, 1940–1941.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Irrigation Works—Productive Works.								
XVII. a EXTENSIONS AND IMPROVEMENTS.	..	11,816	..	2,06,800 † + 6,400	..	1,78,300 † + 7,600	..	1,37,200 ..
XVII. b. MAINTENANCE AND REPAIRS ..	..	22,35,062	..	19,73,500	..	21,71,700	..	19,76,400
XVII. c. ESTABLISHMENT—								
A. SPECIAL ESTABLISHMENT.	..	893	..	900	..	900	..	900
B. METTUR TOWNSHIP ADMINISTRATION ..	..	5,627	..	3,100	..	..	..	..
TOTAL—IRRIGATION WORKS—PRODUCTIVE WORKS ..	..	22,53,398	..	21,90,700	..	23,58,500	..	21,14,500
	22,53,398		21,90,700		23,58,500		21,14,500	
Irrigation Works—Unproductive Works.								
XVII. d. EXTENSIONS AND IMPROVEMENTS ..	..	1,377	..	..	..	8,600	..	— 2,700
XVII. e. MAINTENANCE AND REPAIRS ..	..	2,13,360	..	1,92,400	..	1,98,800	..	1,96,400
TOTAL—IRRIGATION WORKS—UNPRODUCTIVE WORKS.	..	2,14,737	..	1,92,400	..	2,07,400	..	1,93,700
	2,14,737		1,92,400		2,07,400		1,93,700	

† Represents cost of English stores.

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—*cont.*

Summary by Minor Heads and Sub-heads of appropriation.

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1938–1939.		Reviewed Budget, 1939–1940.		Revised Estimate, 1939–1940.		Budget Estimate, 1940–1941.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Navigation, Embankment and Drainage Works—Unproductive Works.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
XVII. f. EXTENSIONS AND IMPROVEMENTS.	..	12,230	..	3,600	..	3,600	..	7,000
XVII. g. MAINTENANCE AND REPAIRS ..	..	1,18,991	..	1,70,700	..	1,95,200	..	1,86,100
TOTAL—NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—UNPRODUCTIVE WORKS.	..	1,31,221	..	1,74,300	..	1,98,800	..	1,93,100
	1,31,221		1,74,300		1,98,800		1,93,100	
XVII. PENSION CHARGES—								
IRRIGATION—								
PRODUCTIVE ..	*16,261*	72,078	*17,900*	62,300	*18,600*	64,400	*19,200*	69,500
UNPRODUCTIVE ..	*2,403*	6,311	*1,800*	6,100	*1,600*	5,500	*1,600*	5,900
NAVIGATION—UNPRODUCTIVE ..	*670*	1,232	*900*	3,200	*1,000*	3,700	*1,100*	3,800
TOTAL—PENSION CHARGES ..	*19,334*	79,621	*20,600*	71,600	*21,200*	73,600	*21,900*	79,200
XVII. PROVISION FOR FLOOD REPAIRS—								
(i) PRODUCTIVE ..	..	..	..	59,300	..	..	..	3,43,800
(ii) UNPRODUCTIVE ..	..	..	..	40,700	..	..	..	19,500
TOTAL—FLOOD REPAIRS ..	..	..	..	1,00,000	..	..	..	3,63,300
TOTAL—XVII—WORKING EXPENSES (INCLUDED IN GRANT VIII—IRRIGATION)	*19,334*	26,78,977	*20,600*	27,29,000	*21,200*	28,38,300	*21,900*	29,43,800
	26,98,311		27,49,600		28,59,500		29,65,700	
Add—*Pro-rata* CHARGES SHOWN UNDER GRANT XXV—CIVIL WORKS—ESTABLISHMENTS, ETC.								
(*a*) ESTABLISHMENT—								
IRRIGATION—								
PRODUCTIVE ..	*1,86,906*	8,21,974	*1,95,300*	6,80,400	*2,13,300*	7,41,000	*2,21,100*	7,99,100
UNPRODUCTIVE ..	*27,620*	72,536	*19,200*	66,500	*18,100*	63,100	*18,700*	67,400
NAVIGATION—UNPRODUCTIVE ..	*7,695*	14,161	*10,000*	34,800	*12,200*	42,300	*12,100*	43,900
TOTAL—ESTABLISHMENT ..	*2,22,221*	9,08,671	*2,24,500*	7,81,700	*2,43,600*	8,46,400	*2,51,900*	9,10,400

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1938-1939.		Reviewed Budget, 1939-1940.		Revised Estimate, 1939-1940.		Budget Estimate, 1940-1941.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Add—	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Pro-rata CHARGES SHOWN UNDER GRANT XXV—CIVIL WORKS—ESTABLISHMENTS, ETC.—*cont.*								
(*b*) TOOLS AND PLANT—								
IRRIGATION—								
PRODUCTIVE ..	..	9,767	..	18,400	..	18,100	..	19,600
UNPRODUCTIVE ..	..	327	..	1,900	..	1,600	..	1,700
NAVIGATION—								
UNPRODUCTIVE ..	..	77	..	1,400	..	1,500	..	1,600
TOTAL—TOOLS AND PLANT..	..	10,171	..	21,700	..	21,200	..	22,900
TOTAL—MAJOR HEAD XVII—IRRIGATION—WORKING EXPENSES.	*2,41,555*	35,97,819	*2,45,100*	35,32,400	*2,64,800*	37,05,900	*2,73,800*	38,77,100
	38,39,374		37,77,500		39,70,700		41,50,900	
DISTRIBUTION OF THE MAJOR HEAD TOTAL AS BETWEEN PRODUCTIVE AND UNPRODUCTIVE—								
IRRIGATION—								
PRODUCTIVE ..	*2,03,167*	31,57,217	*2,13,200*	30,11,100	*2,31,900*	31,82,100	*2,40,300*	33,46,500
UNPRODUCTIVE ..	*30,023*	2,93,911	*21,000*	3,07,600	*19,700*	2,77,500	*20,300*	2,88,200
NAVIGATION—								
UNPRODUCTIVE ..	*8,365*	1,46,691	*10,900*	2,13,700	*13,200*	2,46,300	*13,200*	2,42,400
TOTAL ..	*2,41,555*	35,97,819	*2,45,100*	35,32,400	*2,64,800*	37,05,900	*2,73,800*	38,77,100
	38,39,374		37,77,500		39,70,700		41,50,900	

17. INTEREST ON WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.

Summary by Minor Heads and Sub-heads of appropriation.

17. a. IRRIGATION WORKS—								
(1) PRODUCTIVE ..	*66,67,813*	..	*67,01,000*	..	*66,98,000*	..	*67,18,000*	..
(2) UNPRODUCTIVE ..	*16,99,019*	..	*17,02,000*	..	*17,01,000*	..	*17,04,000*	..
17. b. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—								
UNPRODUCTIVE ..	*3,92,678*	..	*3,93,000*	..	*3,93,000*	..	*3,93,000*	..
GRAND TOTAL—MAJOR HEAD 17 ..	*87,59,510*	..	*87,96,000*	..	*87,92,000*	..	*88,15,000*	..
	87,59,510		87,96,000		87,92,000		88,15,000	

18—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES.

Summary by Minor Heads and Sub-heads of appropriation.

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1938–1939.		Reviewed Budget, 1939–1940.		Revised Estimate, 1939–1940.		Budget Estimate, 1940–1941.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
IRRIGATION WORKS.								
WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT.								
Public Works Department.								
18. a. WORKS	..	41,194	..	48,000	..	40,300	..	27,200
18. b. EXTENSIONS AND IMPROVEMENTS.	..	1,27,569	..	1,49,000	..	1,19,300	..	1,12,700
18. c. MAINTENANCE AND REPAIRS ..	..	14,09,471	..	12,51,300	..	14,15,800	..	12,47,700
MISCELLANEOUS EXPENDITURE.								
18. d. ESTABLISHMENTS—								
A. PAY OF OFFICERS AND ESTABLISHMENTS ..	..	15,384	..	14,200	..	17,200	..	33,400
B. OTHER CHARGES ..	..	5,477	..	4,100	..	4,600	..	10,800
Total—18. d. ..	..	20,861	..	18,300	..	21,800	..	44,200
18. e. TOOLS AND PLANT.	..	438	..	500	..	200	..	200
18. f. OTHER CHARGES—								
OTHER PROJECTS ..	..	30,099	..	19,400	..	19,600	..	26,900
18. l. GRANTS-IN-AID ..	..	7,515	..	7,500	..	7,500	..	7,500
TOTAL—PUBLIC WORKS DEPARTMENT ..	..	16,37,147	..	14,94,000	..	16,24,500	..	14,66,400

18—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1938–1939.		Reviewed Budget, 1939–1940.		Revised Estimate, 1939–1940.		Budget Estimate, 1940–1941.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
IRRIGATION WORKS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT.								
Minor Irrigation. Revenue Department.								
18. g. WORKS—								
A. ORDINARY AREAS.	..	12,497	..	27,000	..	18,700	..	25,100
Deduct—PROBABLE SAVINGS	..	..	..	— 9,000	..	..	..	— 8,400
B. PARTIALLY EXCLUDED AREAS ..	..	..	..	5,100	..	1,500	..	3,000
Deduct—PROBABLE SAVINGS	..	..	..	— 1,700	..	..	..	— 1,000
TOTAL—18. g. ..	..	12,497	..	21,400	..	20,200	..	18,700
18. h. MAINTENANCE AND REPAIRS—								
A. ORDINARY AREAS.	..	8,44,423	..	8,66,900	..	9,41,500	..	8,83,500
B. PARTIALLY EXCLUDED AREAS.	..	6,913	..	15,500	..	8,000	..	8,000
C. PROVISION FOR FLOOD REPAIRS..	..	43,632	..	1,00,000	..	69,700	..	50,000
TOTAL—18. h. ..	..	8,94,968	..	9,82,400	..	10,19,200	..	9,41,500
18. j. ESTABLISHMENT—								
A. ORDINARY AREAS—								
1. PAY OF ESTABLISHMENTS ..	..	1,90,059	..	1,92,200	..	1,91,000	..	1,94,100
2. OTHER CHARGES ..	..	50,001	..	50,400	..	50,900	..	51,300
B. PARTIALLY EXCLUDED AREAS—								
1. PAY OF ESTABLISHMENTS AND OTHER CHARGES ..	..	5,186	..	6,400	..	6,100	..	5,300
TOTAL—18. j. ..	..	2,45,246	..	2,49,000	..	2,48,000	..	2,50,700
18. k. TOOLS AND PLANT—								
A. ORDINARY AREAS.	..	415	..	100	..	100	..	300
TOTAL—18. k. ...	..	415	..	100	..	100	..	300
MISCELLANEOUS EXPENDITURE.								
18. l. GRANTS-IN-AID ..	..	1,168	..	1,200	..	1,200	..	1,200
TOTAL—MINOR IRRIGATION	..	11,54,294	..	12,54,100	..	12,88,700	..	12,12,400
TOTAL—IRRIGATION WORKS.		27,91,441	..	27,48,100	..	29,13,200	..	26,78,800
	27,91,441		27,48,100		29,13,200		26,78,800	

18—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1938–1939.		Reviewed Budget, 1939–1940.		Revised Estimate, 1939–1940.		Budget Estimate, 1940–1941.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Navigation, Embankment and Drainage Works.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT.								
Public Works Department.								
18. m. WORKS	..	19,635	..	..	..	200	..	900
18. n. EXTENSIONS AND IMPROVEMENTS ..	..	2,230	..	14,300	..	16,800	..	47,300
18. o. MAINTENANCE AND REPAIRS ..	..	4,01,259	..	4,23,900	..	4,18,000	..	3,90,700
MISCELLANEOUS EXPENDITURE								
18. p. ESTABLISHMENTS..	..	2,771	..	..	..	..	..	..
18. q. TOOLS AND PLANTS.	..	..	..	..	..	100	..	1,200
18. r. OTHER CHARGES.	..	7,997	..	1,000	..	5,900	..	1,000
TOTAL—NAVIGATION, ETC., WORKS	..	4,33,892	..	4,39,200	..	4,41,000	..	4,41,100
	4,33,892		4,39,200		4,41,000		4,41,100	
18. LUMP DEDUCTION FOR PROBABLE SAVINGS ..	..	..	..	— 700	..	..	..	— 400
18. PROVISION FOR FLOOD REPAIRS	..	..	..	2,00,000	..	..	..	1,21,000
18. *Deduct*—AMOUNT FINANCED FROM FAMINE RELIEF FUND ..	..	..	..	— 5,000	..	..	..	..
TOTAL—18. (INCLUDED IN GRANT VIII—IRRIGATION).	..	32,25,333	..	33,81,600	..	33,54,200	..	32,40,500
	32,25,333		33,81,600		33,54,200		32,40,500	

18—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1938–1939.		Reviewed Budget, 1939–1940.		Revised Estimate, 1939–1940.		Budget Estimate, 1940–1941.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Public Works Department —*cont.*	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Add—								
Pro rata CHARGES SHOWN UNDER GRANT XXV—CIVIL WORKS—ESTABLISHMENT, ETC.,								
ESTABLISHMENT ..	*1,92,125*	4,87,352	*1,19,500*	4,16,300	*1,19,900*	4,16,200	*1,17,600*	4,26,200
TOOLS AND PLANT ..	..	3,912	..	17,200	..	15,000	..	15,000
Deduct—AMOUNTS FINANCED FROM FAMINE RELIEF FUND—								
ESTABLISHMENT ..	..	..	— *300*	— 1,000	..	..	..	..
TOOLS AND PLANT ..	..	..	..	— 100	..	..	..	..
GRAND TOTAL—MAJOR HEAD 18.	*1,92,125*	37,16,597	*1,19,200*	38,14,000	*1,19,900*	37,85,400	*1,17,600*	36,81,700
	39,08,722		39,33,200		39,05,300		37,99,300	

19. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.

Summary by Minor Heads and Sub-heads of appropriation.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
A. Financed from Famine Relief Fund.								
IRRIGATION WORKS—								
19. a. UNPRODUCTIVE—WORKS	..	..	..	1,600	..	..	..	..
Add—								
Pro rata CHARGES SHOWN UNDER GRANT XXV (FINANCED FROM FAMINE RELIEF FUND).								
(i) ESTABLISHMENT ..	..	..	*100*	300	..	..	..	..
TOTAL—A. a. ..	..	..	*100*	1,900	..	†	..	†
19. A. b. *Deduct*—AMOUNT TRANSFERRED FROM FAMINE RELIEF FUND	..	..	— *100*	— 1,900	..	..	..	..
TOTAL—A. WORKS FINANCED FROM FAMINE RELIEF FUND ..	..	..	..	..	..	..	..	..
B. Financed from Ordinary Revenues.								
IRRIGATION WORKS—								
Productive.								
19. B. a. WORKS—								
A. GODAVARI DELTA SYSTEM ..	..	12,217	..	3,900	..	2,800	..	2,000
Carried over ..	..	* 13,308	..	3,900	..	2,800	..	2,000

* Includes Rs. 1,091 relating to Polavaram Island Project.

† Provided for under '19. B.b. Works.'

19. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1938–1939.		Reviewed Budget, 1939–1940.		Revised Estimate, 1939–1940.		Budget Estimate, 1940–1941.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
B. Financed from Ordinary Revenues—*cont.*								
IRRIGATION WORKS—*cont.*								
19. B. a. WORKS—*cont.*								
Productive—*cont.*								
Brought forward ..	..	13,308	..	3,900	..	2,800	..	2,000
B. Kistna Delta System	..	3,142	..	1,900	..	1,200	..	100
C. Cauvery Delta System ..	..	34,040	..	22,000	..	22,300	..	300
D. Toludur Reservoir System ..	..	9,590	..	2,000	..	300	..	..
E. Kattalai Scheme.	..	..	..	3,300	..	..	..	..
F. Kistna East Bank Canal Extension Scheme ..	..	1,197	..	1,800	..	1,800	..	..
G. Pennar River Canals System ..	..	..	..	31,000	..	31,000	..	..
TOTAL—19. B. a. WORKS.	..	* 61,592		65,900	..	59,400	..	2,400
19. B. b. WORKS—								
Unproductive.								
A. Nagavalli River System ..	..	3,425	..	..	..	1,400	..	..
B. Palar Anicut System ..	..	11,801	..	2,000	..	5,700	..	..
C. Duvvaleru Project ..	..	4,871	..	65,000	..	37,500	..	35,300
D. Thippayapalem Project ..	..	..	..	..	..	2,000	..	2,000
TOTAL—19. B. b. WORKS.	..	† 25,625	..	67,000	..	46,600	..	37,300

* Includes Rs. 315 relating to Mehamattur Anicut System.
† Includes Rs. 5,528 relating to works completed during 1938-1939.

19. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1938–1939.		Reviewed Budget, 1939–1940.		Revised Estimate, 1939–1940.		Budget Estimate, 1940–1941.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
B. Financed from Ordinary Revenues—*cont.*	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
NAVIGATION WORKS—								
Unproductive.								
19. B. c. WORKS— BUCKINGHAM CANAL.	..	1,796	..	..	..	..	..	..
TOTAL—19. B. c. WORKS.	..	1,796	..	..	..	..	..	..
TOTAL—B. WORKS FINANCED FROM ORDINARY REVENUES	..	89,013	..	1,32,900	..	1,06,000	..	39,700
TOTAL—19. WORKS ..	..	89,013	..	1,32,900	..	1,06,000	..	39,700
19. PENSION CHARGES ..	*797*	2,060	*700*	2,400	*600*	2,000	*200*	800
19. LUMP ADDITION FOR REGRANT OF LAPSES.	..	..	..	300	..	..	..	500
19. LUMP DEDUCTION FOR PROBABLE SAVINGS ..	..	..	..	—2,300	..	..	..	—800
TOTAL—19. (INCLUDED IN GRANT VIII—IRRIGATION) ..	*797*	91,073	*700*	1,33,300	*600*	1,08,000	*200*	40,200
	91,870		1,34,000		1,08,600		40,400	
Add— *Pro rata* CHARGES SHOWN UNDER GRANT XXV—CIVIL WORKS—ESTABLISHMENT, ETC. (FINANCED FROM ORDINARY REVENUES).								
(*a*) ESTABLISHMENT ..	*9,165*	23,678	*7,500*	26,100	*6,600*	23,200	*2,600*	9,600
(*b*) TOOLS AND PLANT.	..	256	..	1,100	..	800	..	300
GRAND TOTAL—MAJOR HEAD 19.	*9,962*	1,15,007	*8,200*	1,60,500	*7,200*	1,32,000	*2,800*	50,100
	1,24,969		1,68,700		1,39,200		52,900	

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—IRRIGATION WORKS—PRODUCTIVE WORKS.

a. Extensions and Improvements.

Sub-heads of appropriation.	Detailed account heads.	Figures by detailed account heads.				
		Amount of Estimate.	Accounts to end of 1938-1939.	Reviewed Budget, 1939-1940.	Revised Estimate, 1939-1940.	Budget Estimate, 1940-1941.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		RS.	RS.	RS.	RS.	RS.
XVII. a. Extensions and Improvements.	1. Chicacole Minor Rivers system—Minor Works ..	..	..	2,950	1,200	1,800
	2. Godavari Delta system—Major Works—Godavari Western—Improvements to the Yenamadurru drain from 5/2 to 32/3—G.O. No. 2070 I., dated 2nd September 1936	2,04,000	44,599	26,000	26,000	26,000
	Minor Works	..	..	56,948 + * 6,400	56,150 + * 7,600	26,740 ..
	3. Kistna Delta system—Major Works—Kistna Eastern—Construction of inlets and outlets between Kesarapalli and Enikipad aqueduct—G.O. No. 759 I., dated 23rd March 1936 ..	36,470	26,550	4,500	6,700	..
	Kistna Western—Remodelling Srirangapuram Channel—G.O. No. 1531 I., dated 28th July 1937	16,000	2,277	5,000	5,000	5,000
	Minor Works	..	..	36,700	25,100	24,100
	4. Pennar River Canals system—Minor Works	..	..	5,600	6,000	4,500
	5. Cumbum tank—Minor Works.	..	..	1,900	1,300	100
	6. Poiney Anicut system—Minor Works	..	..	..	100	..
	7. Chembrambakkam Tank—Minor Works	..	..	..	300	500
	8. Cheyyar Anicut system—Minor Works	..	..	3,000	3,000	1,100
	9. Thadapalli channel—Minor Works	..	..	700	700	..
	10. Kalingarayan channel—Major Works—Coimbatore—Providing stems shutters and locking arrangements to sluices in Kalingarayan channel—G.O. No. 2093 I., dated 5th September 1936	37,000	38,666	..	2,000	..
	11. Tirukkoyilur Anicut system—Minor Works	..	..	3,600	3,600	4,400
	12. Shatiatope Anicut system—Minor Works	..	..	1,000	1,000	150
	13. Mehmathur Anicut system—Minor Works	..	..	2,950	2,950	2,700
	14. Vriddhachalam Anicut system—Minor Works ..	..	..	1,080	1,880	4,200
	15. Toludur Project—Minor Works	..	..	2,480	4,000	2,800
	16. Lower Coleroon Anicut system—Minor Works	..	..	8,400	14,310	7,186
	Major Works—Cauvery—Improvements to Vadavar head—G.O. No. 683 I., dated 31st March 1938	19,300	..	14,000	..	..
	Carried over ..			1,83,208	1,68,890	1,11,276

* Represents cost of English Stores.

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—IRRIGATION WORKS—PRODUCTIVE WORKS—*cont.*

a. EXTENSIONS AND IMPROVEMENTS—*cont.*

Sub-heads of appropriation.	Detailed account heads.	Figures by detailed account heads.				
		Amount of Estimate.	Accounts to end of 1938–1939.	Reviewed Budget, 1939–1940.	Revised Estimate, 1939–1940.	Budget Estimate, 1940–1941.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		RS.	RS.	RS.	RS.	RS.
	Brought forward ..			1,83,208	1,68,890	1,11,276
XVII. a. EXTENSIONS AND IMPROVEMENTS—*cont.*	17. CAUVERY DELTA SYSTEM—MAJOR WORKS—VENNAR— (i) DIVERTING THE COURSE OF THE KORAYAR INTO THE LAGOON—G.O. No. 722 I., dated 22nd March 1935 ..	20,880	16,685	3,500	3,000	..
	(ii) REMODELLING THE ODAMBOGIAR FROM THE NEW REGULATOR TO KIVALUR DAM—G.O. No 2068 I., dated 2nd September 1939 ..	1,14,755	..	4,000	4,000	1,000
	(iii) REFORMING THE ADIVILANGAI BANK CONVERTING LEFT BANK OF NALLAR AT VATTAGUDI REGULATOR TO RIGHT BANKS OF VEDARANYAM CANAL AT 16/4–5.	11,300	..	..	2,500	100
	MINOR WORKS	..	..	54,300	48,850	28,850
	18. NANDIYAR CHANNEL SYSTEM—MINOR WORKS	..	..	..	..	200
	19. PERIYAR SYSTEM—MAJOR WORKS—PERIYAR—IMPROVEMENTS TO PALAYAM PARAVOO CHANNEL—G.O. No. 29 I., dated 6th January 1938 ..	31,200	30,161	..	20	..
	MINOR WORKS	..	..	6,100	5,680	5,500
	20. SRIVAIKUNTAM ANICUT SYSTEM—MINOR WORKS ..	..	..	1,100	800	2,000
	21. MARUDUR ANICUT SYSTEM—MINOR WORKS	..	..	900	900	1,600
	22. KATTALAI SCHEME—MINOR WORKS	..	..	10,700	7,000	8,800
	23. POLAVARAM ISLAND PROJECT—MINOR WORKS	..	..	2,290	2,000	200
	24. CAUVERY-METTUR PROJECT—MAJOR WORKS—GRAND ANICUT CANAL— (N) PROVIDING SURPLUS ARRANGEMENTS ABOVE 3 FEET DROP AT 22/85 OF THE GRAND ANICUT CANAL	29,300	..	..	..	15,000
	MINOR WORKS	..	..	23,200	16,208	15,650
	25. KISTNA EAST BANK CANAL EXTENSION SCHEME—MINOR WORKS	..	..	2,200	1,900	2,600
	TOTAL ..			2,85,098 + * 6,400	2,54,148 + * 7,600	1,92,776
	Deduct—OLD MAINTENANCE CHARGES †			— 78,298	— 75,848	— 55,576
GRAND TOTAL—XVII. a. IRRIGATION WORKS—PRODUCTIVE WORKS—EXTENSIONS AND IMPROVEMENTS—VOTED ..				2,06,800 + * 6,400	1,78,300 + * 7,600	1,37,200

* Represents cost of English Stores.

† Old maintenance charges have been fixed for each system as under—

System	RS.	System	RS.
Ganjam Minor Rivers system	1,529	Shatiatope Anicut system	64
Divi Pumping system	49	Mehmathur Anicut system	126
Pennar River Canals system	3,909	Lower Coleroon Anicut system	2,427
Chembrambakkam tank	2,283	Cauvery Delta system	21,378 (*a*)
Poiney Anicut system	3,057	Nandiyar Channel system	2,836
Cheyyar Anicut system	2,566	Periyar system	4,474
Thadapalli channel	3,560	Srivaikuntam Anicut system	352
Arkenkota channel	793	Marudur Anicut system	200
Kalingarayan channel	3,992		
Tirukkoyilur Anicut system	1,972	Total ..	55,576

(*a*) Revised Estimate, 1939–1940, is Rs. 41,721.

(N) = New work.

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—IRRIGATION WORKS—PRODUCTIVE WORKS—*cont.*

b. Maintenance and Repairs.

Sub-heads of appropriation.	Detailed account heads.	Figures by detailed account heads.			
		Accounts, 1938-1939.	Reviewed Budget, 1939-1940.	Revised Estimate, 1939-1940.	Budget Estimate, 1940-1941.
(1)	(2)	(3)	(4)	(5)	(6)
	Maintenance and Repairs.	RS.	RS.	RS.	RS.
XVII. b. Maintenance and Repairs.	1. Chicacole Minor Rivers system ..	35,005	29,000	47,200	30,000
	2. Godavari Delta system	7,89,239	6,22,800	6,05,848	6,09,188
	3. Kistna Delta system	4,45,141	5,10,000	5,07,600	4,98,500
	4. Pennar River Canals system	91,326	91,000	91,000	91,000
	5. Cumbum tank	1,006	1,100	1,300	1,800
	6. Chembrambakkam tank	7,207	7,200	7,200	7,189
	7. Poiney Anicut system	37,175	20,000	16,000	20,000
	8. Cheyyar Anicut system	41,302	24,800	32,800	25,000
	9. Thadapalli channel	8,403	8,500	8,400	8,000
	10. Arkenkota channel	4,101	4,100	4,400	4,400
	11. Kalingarayan channel	10,516	9,500	8,700	8,500
	12. Tirukkoyilur Anicut system	54,451	19,000	36,000	19,000
	13. Shatiatope Anicut system	54,571	20,000	29,400	20,000
	14. Mehmathur Anicut system	12,796	3,400	9,300	3,400
	15. Vriddhachalam Anicut system ..	13,596	6,200	13,800	6,200
	16. Toludur Project	40,950	22,000	28,900	23,100
	17. Lower Coleroon Anicut system ..	85,302	95,400	1,06,300	90,000
	18. Cauvery Delta system	5,76,077	5,22,100	5,86,550	5,42,350
	19. Nandiyar Channel system	5,299	3,100	3,100	3,500
	20. Periyar system	1,10,756	1,05,100	98,500	1,05,700
	21. Srivaikuntam Anicut system	58,666	64,000	44,000	50,000
	22. Marudur Anicut system	15,030	17,000	15,019	17,000
	23. Kattalai scheme	66,503	61,000	79,450	51,500
	24. Polavaram Island Project	12,724	7,000	41,800	19,100
	25. Cauvery-Mettur Project	1,64,139	1,72,901	2,29,550	2,11,100
	26. Kistna East Bank Canal Extension Scheme	44,459	46,500	47,500	45,000
	Total ..	27,85,740	24,92,701	26,99,617	25,10,527
	Deduct—Old Maintenance Charges.†	—5,50,678	— 5,19,201	—5,27,917	—5,34,127
GRAND TOTAL—XVII. b. IRRIGATION WORKS—PRODUCTIVE WORKS—MAINTENANCE AND REPAIRS—VOTED		22,35,062	19,73,500	21,71,700	19,76,400

† Old maintenance charges have been fixed for each system as under—

	RS.		RS.		RS.
Ganjam Minor Rivers system ..	3,126	Arkenkota channel	100	Periyar system	21,422
Divi Pumping system	12,131	Tirukkoyilur Anicut system ..	2,960	Srivaikuntam Anicut system ..	5,208
Pennar River Canals system ..	25,744	Shatiatope Anicut system	1,580	Marudur Anicut system	4,500
Cumbum tank	793	Mehmathur Anicut system	510	Kattalai Scheme	48,500
Chembrambakkam tank	3,097	Lower Coleroon Anicut system ..	4,853	Cauvery Mettur Project	11,400
Poiney Anicut system	66	Cauvery Delta system ..	(a) 3,87,126		
Cheyyar Anicut system	640	Nandiyar Channel system	371	Total ..	5,34,127

(a) Revised Estimate, 1939-1940, is Rs. 3,80,916.

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—IRRIGATION WORKS—PRODUCTIVE WORKS—*cont.*

c. Establishment.

Sub-heads of appropriation.	Strength.		Details.	Figures by detailed account heads.			
	1939–1940.	1940–1941.		Accounts, 1938–1939.	Reviewed Budget, 1939–1940.	Revised Estimate, 1939–1940.	Budget Estimate, 1940–1941.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
				RS.	RS.	RS.	RS.
c. A. Special Establishment.	1	1	Voted .. .. .. Driver for shutter-lifting machines, Kistna anicut 1 (50—70).	893	900	900	900
			Total—c. A.—Voted ..	893	900	900	900
c. B. Mettur Township Administration.			Voted— *Add*—Proportionate charges on account of Mettur Township ..	5,627	3,100	..	..
			Total—c. B.—Voted ..	5,627	3,100	..	..
Grand Total—XVII. c. Establishment—Voted ..				6,520	4,000	900	900

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—IRRIGATION WORKS—UNPRODUCTIVE WORKS.

d. Extensions and Improvements.

Sub-heads of appropriation.	Detailed account heads.	Figures by detailed account heads.				
		Amount of Estimate,	Accounts, to end of 1938–1939.	Reviewed Budget, 1939–1940.	Revised Estimate, 1939–1940.	Budget Estimate, 1940–1941.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		RS.	RS.	RS.	RS.	RS.
XVII. d. Extensions and Improvements.	1. Nagavalli River System—Minor Works	..	..	2,200	1,900	200
	2. Mopad Reservoir—Minor Works	..	..	..	..	684
	3. Markapur Tank—Minor Works	..	..	..	150	..
	4. Sagileru System—Minor Works	..	..	470	100	..
	5. Kurnool-Cuddapah canal—Minor Works	..	..	1,514	1,934	200
	6. Madras Water-supply and Irrigation system—Major Works—Chingleput—Improvements to the Red Hills Tank—G.O. No. 18 I., dated 4th January 1934	83,430	76,592	..	4,100	..
	Minor Works	..	..	..	400	100
	7. Barur Tank—Minor Works ..	..	..	..	..	1,800
	8. Palar Anicut System *—Minor Works	..	..	1,100	3,100	500
	9. Pelandorai Anicut System *—Minor Works	..	..	1,000	800	..
	10. Basavannah Channel—Minor Works	..	..	..	2,000	..
	11. Jangamaheswarapuram Tank—Minor Works	..	..	..	300	..
	12. Bavanasi Tank—Minor Works	..	..	..	100	100
	Total ..	..	..	6,284	14,884	3,584
	Deduct—Old Maintenance Charges.†	..	..	— 6,284	— 6,284	— 6,284
Grand Total—XVII. d. Irrigation Works—Unproductive Works—Extensions and Improvements—Voted ..		..	..	..	8,600	— 2,700

* Transferred to unproductive class in G.O. No. 1589 I., dated 16th June 1931.

† Old maintenance charges have been fixed permanently for each system as under—

	RS.
Nagavalli river system	1,432
Anamasamudram-Beraperu tank ..	28
Markapur tank	29
Sagileru system	500
Kurnool-Cuddapah canal	232
Madras Water-supply and Irrigation system ..	3,600
Vallur anicut system	226
Palar anicut system	178
Pelandorai anicut system	59
Total ..	6,284

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—IRRIGATION WORKS—UNPRODUCTIVE WORKS—*cont.*

e. Maintenance and Repairs.

Sub-heads of appropriation.	Detailed account heads.	Figures by detailed account heads. Accounts, 1938–1939.	Reviewed Budget, 1939–1940.	Revised Estimate, 1939–1940.	Budget Estimate, 1940–1941.
(1)	(2)	(3)	(4)	(5)	(6)
	Maintenance and Repairs.	RS.	RS.	RS.	RS.
XVII. e. Maintenance and Repairs.	1. Nagavalli river system	15,485	17,300	17,300	18,500
	2. Muniyeru system	6,011	6,000	6,400	6,000
	3. Bhavanasi tank	1,000	1,000	1,300	1,100
	4. Ponnalur tank	1,001	1,000	800	800
	5. Hajipuram tank	314	500	500	500
	6. Mopad reservoir	4,995	5,000	5,000	5,000
	7. Markapur tank	2,485	1,750	2,450	1,600
	8. Siddapur tank	737	600	600	1,000
	9. Venkatapuram tank	400	400	400	1,000
	10. Sagileru system	4,605	3,300	2,000	2,000
	11. Kurnool-Cuddapah canal	67,844	67,045	69,945	70,000
	12. Yellanur tank system	1,538	500	500	500
	13. Madras Water-supply and Irrigation system	15,989	13,000	10,000	13,000
	14. Vallur anicut system	4,494	3,500	3,500	5,145
	15. Barur tank	11,034	5,500	5,500	5,500
	16. Kanniyampalayam anicut	1,001	1,700	1,600	1,000
	17. Palar anicut system *	62,053	56,600	60,300	56,000
	18. Pelandorai anicut system *	11,669	12,000	14,300	12,000
	19. Jangamaheswarapuram tank	247	300	300	300
	20. Atmakur tank	303	300	300	300
	21. Nagavaram anicut and supply channel.	400	500	600	250
	22. Anamasamudram-Beraperu tank ..	614	600	600	600
	23. Yerur tank	4,691	800	700	400
	24. Basavannah channel	5,544	4,300	5,000	5,000
	25. Dondapad	101	100	100	100
	Total ..	2,24,555	2,03,595	2,09,995	2,07,595
	Deduct—Old Maintenance Charges. †	— 11,195	— 11,195	— 11,195	— 11,195
GRAND TOTAL—XVII. e. IRRIGATION WORKS—UNPRODUCTIVE WORKS—MAINTENANCE AND REPAIRS—VOTED ..		2,13,360	1,92,400	1,98,800	1,96,400

* Transferred to unproductive class in G.O. No. 1589 I., dated 16th June 1931.

† Old maintenance charges have been fixed permanently for each system as under—

	RS.		RS.
Nagavalli river system	1,462	Madras Water-supply and Irrigation system ..	200
Muniyeru river system	222	Vallur anicut system	1,077
Anamasamudram-Beraperu tank ..	612	Palar anicut system	2,909
Markapur tank	213	Pelandorai anicut system	58
Sagileru system	1,685		
Kurnool-Cuddapah canal	2,757	Total ..	11,195

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—UNPRODUCTIVE WORKS.

Sub-heads of appropriation. (1)	Details. (2)	Accounts, 1938-1939. (3)	Reviewed Budget, 1939-1940. (4)	Revised Estimate, 1939-1940. (5)	Budget Estimate, 1940-1941. (6)
		RS.	RS.	RS.	RS.
f. Extensions and Improvements.	Buckingham Canal	12,230	3,600	3,600	7,000
	TOTAL—XVII. f. EXTENSIONS AND IMPROVEMENTS—VOTED.	12,230	3,600	3,600	7,000
g. Maintenance and Repairs.	1. Buckingham Canal	1,13,192	1,60,000	1,86,400	1,82,000
	2. Vedaranniyam Canal	5,799	10,700	8,800	4,100
	TOTAL—XVII. g. MAINTENANCE AND REPAIRS—VOTED ..	1,18,991	1,70,700	1,95,200	1,86,100

XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES.

Establishment.

Establishment.	Charges for distribution of water. — *Charged* ..		*72,400*	*74,100*	*72,200*
	Charges for distribution of water. — Voted ..		2,52,200	2,57,600	2,59,500
	Establishment on pro-rata basis. — *Charged* ..		*1,52,100*	*1,69,500*	*1,79,700*
	Establishment on pro-rata basis. — Voted ..		5,29,500	5,88,800	6,50,900
	GRAND TOTAL—XVII. ESTABLISHMENT.	11,30,982	10,06,200	10,90,000	11,62,300
	Charged ..	*2,22,221*	*2,24,500*	*2,43,600*	*2,51,900*
	Voted ..	9,08,671	7,81,700	8,46,400	9,10,400
	Distribution of total Establishment charges as between Productive and Unproductive—				
	Irrigation—				
	Productive .. .. *Charged* ..	*1,86,906*	*1,95,300*	*2,13,300*	*2,21,100*
	Productive .. .. Voted ..	8,21,974	6,80,400	7,41,000	7,99,100
	Unproductive .. *Charged* ..	*27,620*	*19,200*	*18,100*	*18,700*
	Unproductive .. Voted ..	72,536	66,500	63,100	67,400
	Navigation—				
	Unproductive .. *Charged* ..	*7,695*	*10,000*	*12,200*	*12,100*
	Unproductive .. Voted ..	14,161	34,800	42,300	43,900
	Total .. *Charged* .	*2,22,221*	*2,24,500*	*2,43,600*	*2,51,900*
	Total .. Voted ..	9,08,671	7,81,700	8,46,400	9,10,400

18. IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—IRRIGATION WORKS—WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT.

PUBLIC WORKS DEPARTMENT—a. WORKS.

SUB-HEADS of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of estimate. (3)	Accounts to end of 1938–1939. (4)	Reviewed Budget, 1939–1940. (5)	Revised Estimate, 1939–1940. (6)	Budget Estimate, 1940–1941. (7)
	MAJOR WORKS.	RS.	RS.	RS.	RS.	RS.
18. a. WORKS.	1. *Godavari Northern.*—Construction of a reservoir in Annavaram village, Peddapur taluk—G.O. No. 740 I., dated 28th March 1933 ..	22,300	18,377	2,500	1,500	1,000
	2. *Nellore.*—Formation of a new tank in the Gandamadakala village, Udayagiri taluk—G.O. Ms. No. 801 I., dated 28th March 1936	43,850	24,050	16,000	16,000	10,000
	3. *Kurnool.*—Restoration of Peddasettipalli channel in Proddatur taluk, Cuddapah district—G.O. No. 248 I., dated 30th January 1933	44,900	30,022	1,200	3,300	5,200
	Government share Rs. 39,067 Ryots' share .. „ 5,833	W.S. 40,000				
	4. *South Arcot.*—Construction of a protective bund along the foreshore of the French Archivak tank—C.E.I.'s Memorandum No. 2097/28-B–24, dated 22nd December 1932, and G.O. No. 706 I., dated 22nd March 1933.	21,210	..	500	.	500
	French share .. Rs. 8,035 British share .. „ 12,565	W.S. 20,600				
	5. *South Arcot.*—Construction of an anicut across the Gadilam river—G.O. No. 826 I., dated 30th April 1936	26,159	7,694	..	2,800	..
	Government share .. Rs. 10,281 Contribution .. „ 4,879	T.S. 15,160				
	6. *Salem Division.*—Construction of an anicut across the Hebbahalla river in the Kollegal taluk, Coimbatore district—G.O. No. 2443 I., dated 17th November 1938	12,500	979	11,500	7,300	..
	7. *Madanapalle Division.*—Excavating a direct irrigation channel from the right bank of the Pennar to irrigate certain villages in Siddhout taluk, Cuddapah district—G.O. No. 1672, P.W., dated 6th July 1939	1,05,000	..	5,000	..	..
	8. *Madanapalle Division.*—Excavating a spring channel from the left bank of the Chitravathi river to irrigate lands in Repalle, hamlet of Chowtapalle village, Jammalamadugu taluk, Cuddapah district—G.O. No. 941, P.W., dated 17th April 1939	27,900	..	1,000	..	..
	9. *Trichinopoly.*—Excavation of the Puduvaithalai high level channel for the irrigation of sanded areas of the Murungapettai Block River Conservancy division—G.O. No. 771 I., dated 17th March 1931 ..	..	..	..	100	..
	TOTAL—MAJOR WORKS ..	..	..	37,700	31,000	16,700
	MINOR WORKS.					
	Public Works Department Works and Revenue Department Works in charge of Public Works Department	..	..	10,300	9,300	10,500
GRAND TOTAL—18. a. IRRIGATION WORKS—PUBLIC WORKS DEPARTMENT—WORKS—VOTED ..		..	..	48,000	40,300	27,200

W.S. = Work slip. T.S. = Technical sanction.

18. IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—IRRIGATION WORKS—WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT—*cont.*

PUBLIC WORKS DEPARTMENT—b. EXTENSIONS AND IMPROVEMENTS.

Sub-heads of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Accounts, 1938–1939. (3)	Reviewed Budget, 1939–1940. (4)	Revised Estimate 1939–1940. (5)	Budget Estimate, 1940–1941. (6)
		RS.	RS.	RS.	RS.
EXTENSIONS AND IMPROVEMENTS.	PUBLIC WORKS DEPARTMENT WORKS ..		62,400	37,000	48,800
	REVENUE DEPARTMENT WORKS IN CHARGE OF PUBLIC WORKS DEPARTMENT		2,000	200	2,000
	OLD MAINTENANCE CHARGES		84,600	82,100	61,900
GRAND TOTAL—18. b. IRRIGATION WORKS —PUBLIC WORKS DEPARTMENT— EXTENSIONS AND IMPROVEMENTS —VOTED ..		1,27,569	1,49,000	1,19,300	1,12,700

PUBLIC WORKS DEPARTMENT—c. MAINTENANCE AND REPAIRS.

Sub-heads of appropriation. (1)	Detailed account heads. (2)	Accounts, 1938–1939. (3)	Reviewed Budget, 1939–1940. (4)	Revised Estimate 1939–1940. (5)	Budget Estimate, 1940–1941. (6)
MAINTENANCE AND REPAIRS.	PUBLIC WORKS DEPARTMENT WORKS ..		6,98,500	8,59,500	6,95,300
	TANK RESTORATION SCHEME REPAIRS ..		17,400	12,200	4,800
	REVENUE DEPARTMENT WORKS IN CHARGE OF PUBLIC WORKS DEPARTMENT		5,000	5,000	2,300
	OLD MAINTENANCE CHARGES		5,30,400	5,39,100	5,45,300
GRAND TOTAL—18. c. IRRIGATION WORKS —PUBLIC WORKS DEPARTMENT— MAINTENANCE AND REPAIRS— VOTED		14,09,471	12,51,300	14,15,800	12,47,700

18. IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—IRRIGATION WORKS—MISCELLANEOUS EXPENDITURE.

PUBLIC WORKS DEPARTMENT—d. ESTABLISHMENT.

Sub-heads of appropriation. (1)	Strength. 1939–1940. (2)	Strength. 1940–1941. (3)	Details. (4)	Figures by detailed account heads. Accounts, 1938–1939. (5)	Reviewed Budget, 1939–1940. (6)	Revised Estimate, 1939–1940. (7)	Budget Estimate, 1940–1941. (8)
				RS.	RS.	RS.	RS.
d. A. PAY OF OFFICERS AND ESTABLISHMENTS.			CHARGED—				
			VOTED—				
			Pay of Officers, etc.	15,384	14,200	17,200	33,400
			TOTAL—d. A.—VOTED ..	15,384	14,200	17,200	33,400
d. B. OTHER CHARGES.			TOTAL—d. B—VOTED ..	5,477	4,100	4,600	10,800
GRAND TOTAL—18. d. IRRIGATION WORKS—MISCELLANEOUS EXPENDITURE—PUBLIC WORKS DEPARTMENT —ESTABLISHMENT—VOTED				20,861	18,300	21,800	44,200

18. IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—IRRIGATION WORKS.

MINOR IRRIGATION—j. ESTABLISHMENT.

SUB-HEADS of appropriation. (1)	Strength. 1939-1940. (2)	Strength. 1940-1941. (3)	Details. (4)	Accounts, 1938-1939. (5)	Reviewed Budget 1939-1940. (6)	Revised Estimate, 1939-1940. (7)	Budget Estimate, 1940-1941. (8)
			A. ORDINARY AREAS.	RS.	RS.	RS.	RS.
j. A. 1. PAY OF ESTABLISHMENTS.			VOTED—				
			PERMANENT	1,75,410	1,77,200	1,75,000	1,79,400
	129	130	Supervisors 7 (150—5—200—10—220), 2 (125—10/2—175—15/2—190), 2 (120—9/2—156—12/2—180); Overseers 1 (60—2½—180), 84 (50—2½—100), 23 (50—4/2—90), 11 (30—5/2—80) ..				
	16	16	Clerk-draughtsmen 12 (35—60), 2 (30—55), 1 (49 fixed pay); Maistri 1 (30)				
	130	131	Lascars 131 (12—18)				
			Leave allowance				
			TEMPORARY	14,649	15,000	16,000	14,700
			TOTAL—j. A. 1. VOTED ..	1,90,059	1,92,200	1,91,000	1,94,100
j. A. 2. OTHER CHARGES.			VOTED—				
			TRAVELLING ALLOWANCES ..	3,110	3,100	3,300	3,300
			FIXED TRAVELLING ALLOWANCES ..	44,890	45,100	45,100	45,500
			CONTINGENCIES	2,001	2,200	2,500	2,500
			TOTAL—j. A. 2. VOTED ..	50,001	50,400	50,900	51,300
			TOTAL—j. A.—ORDINARY AREAS—VOTED ..	2,40,060	2,42,600	2,41,900	2,45,400
			B. PARTIALLY EXCLUDED AREAS.				
j. B. PAY OF ESTABLISHMENTS AND OTHER CHARGES.			VOTED—				
			PERMANENT—				
	2	1	Overseer 1 (50—4/2—90) ..	877	900	900	700
			TEMPORARY	2,759	3,100	2,800	2,800
			OTHER CHARGES—				
			TRAVELLING ALLOWANCES ..	140	200	200	200
			FIXED TRAVELLING ALLOWANCES.	1,352	1,500	1,500	1,500
			CONTINGENCIES	58	700	700	100
			TOTAL—j. B.—PARTIALLY EXCLUDED AREAS—VOTED.	5,186	6,400	6,100	5,300
GRAND TOTAL—18. j. IRRIGATION WORKS—MINOR IRRIGATION—ESTABLISHMENT—VOTED				2,45,246	2,49,000	2,48,000	2,50,700

18. IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—WORKS FOR WHICH NEITHER CAPITAL NOR REVENUE ACCOUNTS ARE KEPT.

PUBLIC WORKS DEPARTMENT—m. WORKS.

SUB-HEADS of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of estimate. (3)	Accounts to end of 1938–1939. (4)	Reviewed Budget, 1939–1940. (5)	Revised Estimate, 1939–1940. (6)	Budget Estimate, 1940–1941. (7)
		RS.	RS.	RS.	RS.	RS.
18. m. WORKS..	MINOR WORKS ..	..	..	..	200	900
GRAND TOTAL—18. m. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—WORKS—VOTED		..	..	..	200	900

19. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—A. FINANCED FROM FAMINE RELIEF FUND—IRRIGATION WORKS—a. UNPRODUCTIVE WORKS.

(1)	(2)	(3)	(4)	(5)	(6)	(7)
A. a. THIPPAYAPALEM PROJECT.	*Kurnool.*—Thippayapalem Reservoir—G.Os. No. 1103 I., dated 25th April 1931 and No. 2009, P.W.D., dated 26th August 1936	4,67,600	4,39,187	1,600	..	..
	TOTAL—A. a. THIPPAYAPALEM PROJECT ..	..	4,39,187	1,600	..	..
GRAND TOTAL—19 A. a. IRRIGATION WORKS—UNPRODUCTIVE WORKS—VOTED ..		..	4,39,187	1,600	*	*

DETAILED IRRIGATION BUDGET, 1940–1941.

19. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—B. FINANCED FROM ORDINARY REVENUES—PRODUCTIVE.

a. WORKS.

(1)	(2)	(3)	(4)	(5)	(6)	(7)
a. A. GODAVARI DELTA SYSTEM.	1. *Godavari Western.*—Excavating the Kakinada drain—G.O. No. 257 I., dated 28th January 1930.	20,150 W.S. 17,540	11,623	..	300	..
	2. *Godavari Western.*—Remodelling the Achanta channel and its branches in the Godavari Western Delta—G.O. No. 859, P.W., dated 5th April 1939. 19. Irrigation Rs. 3,100 XVII. Extensions and Improvements Rs. 12,700.	15,800	..	200	..	..
	3. Minor works			3,700	2,500	2,000
	TOTAL—a. A. GODAVARI DELTA SYSTEM.			3,900	2,800	2,000
a. B. KISTNA DELTA SYSTEM.	1. *Kistna Eastern.*—Excavating the Yellakurru Drain.	17,500	..	1,000	..	..
	2. Minor works—G.O. No. 1727, P.W., dated 12th July 1939.			900	1,200	100
	TOTAL—a. B. KISTNA DELTA SYSTEM ..			1,900	1,200	100

W.S. = Work slip.

* Provided for under unproductive works to be financed from ordinary revenues.

19. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—B. FINANCED FROM ORDINARY REVENUES—PRODUCTIVE—*cont.*

a. WORKS—*cont.*

Sub-heads of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of estimate. (3)	Accounts to end of 1938–1939. (4)	Reviewed Budget, 1939–1940. (5)	Revised Estimate, 1939–1940. (6)	Budget Estimate, 1940–1941. (7)
		RS.	RS.	RS.	RS.	RS.
a. C. CAUVERY DELTA SYSTEM.	1. *Vennar Division.*—Remodelling the Odambokkiyar river from the new regulator at 74/50 to the Kivalur dam at 89/0—G.O. Ms. No. 2068, dated 2nd September 1936. '19.' Government share .. .. Rs. 72,300 W.S. 73,880 East Tanjore District Board and Tiruvarur Municipality .. Rs. 7,700 W.S. 7,480 XVII-E. & I. .. Rs. 2,200 W.S. 5,545 XVII-M. & R. .. Rs. 6,500 W.S. 5,475	88,700 W.S. 92,380	50,893	5,000	6,000	300
	2. *Cauvery.*—Construction of regulators across the Nattar and Vanjiyar at the Vanjiyar head—G.O. No. 1574 I., dated 2nd August 1937. Government share .. Rs. 8,100 Contribution by French Government .. Rs. 8,000	16,100 T.S. 17,100	6,066	4,000	3,100	..
	3. *Cauvery.*—Construction of a regulator across the Cauvery below the Vikramanar head—G.O. No. 980 I., dated 17th May 1938.	23,500	11,094	13,000	13,200	..
	TOTAL—a. C. CAUVERY DELTA SYSTEM ..			22,000	22,300	300
a. D. TOLUDUR RESERVOIR SYSTEM.	1. *South Arcot.*—Acquisition of land for field channels in the Toludur Project area for development of irrigation—G.O. No. 865 I., dated 31st March 1936.	31,360 T.S. 43,000	15,412	2,000	300	..
	TOTAL—a. D. TOLUDUR RESERVOIR SYSTEM ..			2,000	300	..
a. E. KATTALAI SCHEME.	Minor works			3,300	..	..
	TOTAL—a. E. KATTALAI SCHEME ..			3,300	..	..
a. F. KISTNA EAST BANK CANAL EXTENSION SCHEME.	Minor Works			1,800	1,800	..
	TOTAL—a. F. KISTNA EAST BANK CANAL EXTENSION SCHEME			1,800	1,800	..
a. G. PENNAR RIVER CANAL SYSTEM.	*Nellore Division.*—Scheme for fitting up falling shutters over the Nellore anicut—G.O. No. 933 I., dated 17th April 1939	31,000	..	31,000	31,000	..
	TOTAL—a. G. PENNAR RIVER CANAL SYSTEM ..			31,000	31,000	..
GRAND TOTAL—IRRIGATION WORKS—B. FINANCED FROM ORDINARY REVENUES—PRODUCTIVE—a. WORKS—VOTED..				65,900	59,400	2,400

W.S. = Work Slip. T.S. = Technical Sanction.

19. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—B. FINANCED FROM ORDINARY REVENUES—UNPRODUCTIVE.

b. WORKS.

Sub-heads of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of Estimate. (3)	Accounts to end of 1938–1939. (4)	Reviewed Budget, 1939–1940. (5)	Revised Estimate, 1939–1940. (6)	Budget Estimate, 1940–1941. (7)
		RS.	RS.	RS.	RS.	RS.
b. A. NAGAVALLI RIVER SYSTEM.	1. *Vizagapatam.*—Excavating the Palavalasa distributary—G.O. No. 522 I., dated 29th February 1932, G.O. No. 650, P.W., dated 29th March 1938.	17,000 / 19,075	17,600	..	500	..
	2. Minor works		..	..	900	
	TOTAL—b. A. NAGAVALLI RIVER SYSTEM.			..	1,400	
b. B. PALAR ANICUT SYSTEM.	*North Arcot.*—Excavating a separate supply channel to Damal tank—G.O. No. 789 I., dated 27th March 1936.	T.S. 28,794 (Govt. share Rs. 20,079.) / W.S. 27,300	11,801	2,000	5,700	..
	TOTAL—b. B. PALAR ANICUT SYSTEM ..		11,801	2,000	5,700	..
b. C. DUVVALERU PROJECT.	*Kurnool Division.*—Duvvaleru Project—G.O. Ms. No. 2098, dated 7th September 1936.	1,16,000 / W.S. 98,000	6,864	65,000	37,500	35,300
	TOTAL—b. C. DUVVALERU PROJECT ..		6,864	65,000	37,500	35,300
b. D. THIPPAYAPALEM PROJECT.	*Kurnool.*—Thippayapalem Reservoir.	..	..	..*	2,000	2,000
	TOTAL—b. D. THIPPAYAPALEM PROJECT ..	..	..	..	2,000	2,000
GRAND TOTAL—IRRIGATION WORKS—B. FINANCED FROM ORDINARY REVENUES—UNPRODUCTIVE—b. WORKS—VOTED				67,000	46,600	37,300

W.S. = Work Slip. T.S. = Technical Sanction.

* Provided for under works to be financed from the Famine Relief Fund.

GRANT XXXII—CAPITAL OUTLAY ON IRRIGATION.

ESTIMATE OF THE AMOUNTS REQUIRED FOR EXPENDITURE IN 1940–1941.

VOTED .. .. Rs. 3,31,700

Charged .. .. *Rs. 1,900*

68—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.

Summary by Minor Heads and Sub-heads of appropriation.

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1938–1939.		Reviewed Budget, 1939–1940.		Revised Estimate, 1939–1940.		Budget Estimate, 1940–1941.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
IRRIGATION WORKS—PRODUCTIVE.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
68. a. WORKS—								
A. GODAVARI DELTA SYSTEM ..	..	56,430	..	49,600	..	37,100	..	43,100
B. KISTNA DELTA SYSTEM	..	3,14,611	..	2,98,200	..	2,94,500	..	2,01,400
C. KISTNA EAST BANK CANAL EXTENSION SCHEME ..	..	50,250	..	40,900	..	42,700	..	53,500
D. PENNAR RIVER CANALS SYSTEM ..	..	25,463	..	50,000	..	42,000	..	6,000
E. KATTALAI SCHEME.	..	32,685	..	45,000	..	26,900	..	37,100
F. CAUVERY DELTA SYSTEM ..	..	22,438	..	..	..	..	..	1,000
G. CAUVERY-METTUR PROJECT ..	..	1,02,140	..	31,000	..	— 47,400 + * 200	..	15,900
TOTAL—68. a. ..	..	6,04,017	..	5,14,700	..	3,96,000	..	3,58,000
68. LUMP ADDITION FOR REGRANT OF LAPSES ..	..	..	..	1,000	..	..	..	1,000
68. LUMP DEDUCTION FOR PROBABLE SAVINGS ..	..	..	..	— 13,100	..	..	..	— 7,300

* Represents expenditure in England on stores.

68—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and SUB-HEADS of appropriation.	Accounts, 1938–1939.		Reviewed Budget, 1939–1940.		Revised Estimate, 1939–1940.		Budget Estimate, 1940–1941.	
	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.	Charged.	Voted.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
IRRIGATION WORKS—PRODUCTIVE—*cont.*	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
68. b. ESTABLISHMENT—								
A. SPECIAL ESTABLISHMENT—								
I. KISTNA EAST BANK CANAL AND PEDDALANKA CHANNEL SCHEMES	..	1,273	..	..	*700*	2,400	..	..
II. CAUVERY-METTUR PROJECT	..	5,206	..	4,500	*1,200*	5,600	..	..
TOTAL—68. b. A. ..	..	6,479	..	4,500	*1,900*	8,000	..	..
B. PENSION CHARGES—								
1. KISTNA EAST BANK CANAL, ETC., SCHEMES	..	151	..	..	*100*	300	..	..
2. CAUVERY-METTUR PROJECT	..	619	..	400	*100*	700	..	..
3. OTHER WORKS ..	*4,108*	12,623	*2,600*	9,200	*2,100*	7,300	*1,900*	7,000
TOTAL—68. b. B. ..	*4,108*	13,393	*2,600*	9,600	*2,300*	8,300	*1,900*	7,000
TOTAL—68. b. ..	*4,108*	19,872	*2,600*	14,100	*4,200*	16,300	*1,900*	7,000
68. c. SUSPENSE ..	..	— 3,047	..	— 3,000	..	— 1,500	..	— 1,000
68. d. *Deduct*—RECOVERIES ON CAPITAL ACCOUNT	..	— 22,627	..	— 50,000	..	— 82,400	..	— 26,000
68. e. CHARGES IN ENGLAND—								
HIGH COMMISSIONER FOR INDIA—								
A. LEAVE SALARIES AND DEPUTATION PAY	..	..	..	..	*9,200*	600	..	..
TOTAL—68. e. ..	..	..	..	..	*9,200*	600	..	..
68. f. LOSS OR GAIN BY EXCHANGE ..	..	..	..	..	..	..	..	..
TOTAL—68. IRRIGATION WORKS—PRODUCTIVE.	*4,108*	5,98,215	*2,600*	4,63,700	*13,400*	3,29,000	*1,900*	3,31,700
	6,02,323		4,66,300		3,42,400		3,33,600	

68—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

MINOR HEADS and SUB-HEADS of appropriation. (1)	Accounts, 1938–1939. Charged. (2)	Accounts, 1938–1939. Voted. (3)	Reviewed Budget, 1939–1940. Charged. (4)	Reviewed Budget, 1939–1940. Voted. (5)	Revised Estimate, 1939–1940. Charged. (6)	Revised Estimate, 1939–1940. Voted. (7)	Budget Estimate, 1940–1941. Charged. (8)	Budget Estimate, 1940–1941. Voted. (9)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
IRRIGATION WORKS—UNPRODUCTIVE.								
68. g. WORKS—								
Minor Irrigation Works—Improvements ..	..	1,10,166	..	..	..	700	..	..
68. h. ESTABLISHMENT—								
Special Establishment—Improvements to Minor Irrigation Works ..	..	8,737 †—151	..	..	..	400	..	..
TOTAL—68.—IRRIGATION WORKS—UNPRODUCTIVE	..	1,18,752	..	..	..	1,100	..	..
	1,18,752		..		1,100		..	
TOTAL—GRANT XXXII—CAPITAL OUTLAY ON IRRIGATION	*4,108*	7,16,967	*2,600*	4,63,700	*13,400*	3,30,100	*1,900*	3,31,700
	7,21,075		4,66,300		3,43,500		3,33,600	
Add—								
Pro rata Charges shown under Grant XXV—Civil Works—Establishments, Etc.—								
(*a*) Establishment.	*61,808*	1,75,588	*28,800*	1,00,300	*24,300*	84,300	*22,100*	79,900
(*b*) Tools and Plant ..	..	1,381	..	4,100	..	3,000	..	2,800
TOTAL—MAJOR HEAD 68.	*65,916*	8,93,936	*31,400*	5,68,100	*37,700*	4,17,400	*24,000*	4,14,400
	9,59,852		5,99,500		4,55,100		4,38,400	

† Represents recoveries on account of capital account.

68—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—PRODUCTIVE.

a. WORKS.

SUB-HEADS of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of Estimate. (3)	Accounts to end of 1938–1939. (4)	Reviewed Budget, 1939–1940. (5)	Revised Estimate, 1939–1940. (6)	Budget Estimate, 1940–1941. (7)
		RS.	RS.	RS.	RS.	RS.
a. A. GODAVARI DELTA SYSTEM.	1. *Godavari Western.*—Kalipatnam Scheme—G.O. No. 829 I., dated 30th March 1935.	12,400 (Government share).	9,175	1,300	500	1,100
	2. *Godavari Western.*—Providing irrigation facilities for Government waste lands in Muthyalapalli and Losaragutlapadu ranges—G.O. No. 709 I., dated 22nd March 1932.	88,885 W.S. 79,177 II. W.S. 87,913 III. W.S. * 94,640	77,971	10,000	7,000	5,500
	3. *Godavari Western.*—Excavating a channel to Vemuladivi village—G.O. No. 2598 I., dated 3rd December 1935.	1,10,000	84,187	7,500	6,100	16,000
	4. *Godavari Western.*—Excavating a channel to Losaragutlapadu village—G.O. No. 2597 I., dated 3rd December 1935.	1,01,000 W.S. 98,400	71,275	20,000	10,200	16,000
	5. *Godavari Western.*—Remodelling the Bondada channel—G.O. No. 2069 I., dated 2nd September 1936.	11,510	1,725	800	1,800	500
	6. *Godavari Central.*—Remodelling the Pallamkurru Nos. I and II channels—G.O. No. 2885 I., dated 15th December 1936.	31,700	17,533	9,000	11,500	4,000
	7. Minor works	..	..	1,000	..	..
	TOTAL—a. A. GODAVARI DELTA SYSTEM.	..	..	49,600	37,100	43,100
a. B. KISTNA DELTA SYSTEM.	1. *Kistna Eastern.*—Improvements to Peddalanka channel—G.O. No. 230 I., dated 27th January 1933.	4,28,690	3,71,222	1,400	300	25,000
(N)	2. *Kistna Eastern.*—Improvements to the New Tamarakollu channel, Kaikalur taluk, Kistna district.	16,100	..	..	..	2,000
	3. *Kistna Western.*—Excavating the Pedakondur channel—G.O. No. 655 I., dated 15th March 1934.	47,286	51,846	700	300	..
	Carried over ..	..	4,23,068	2,100	600	27,000

W.S. = Work slip. (N) = New work.

* Includes Rs. 6,500 on account of supplemental estimate sanctioned in G.O. No. 1519 I., dated 29th June 1939.

68. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—PRODUCTIVE—*cont.*

a. WORKS—*cont.*

SUB-HEADS of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of Estimate. (3)	Accounts to end of 1938–1939. (4)	Reviewed Budget, 1939–1940. (5)	Revised Estimate, 1939–1940. (6)	Budget Estimate, 1940–1941. (7)
		RS.	RS.	RS.	RS.	RS.
	Brought forward ..	..	4,23,068	2,100	600	27,000
a. B. KISTNA DELTA SYSTEM—*cont.*	4. *Kistna Western.*—Excavating the Tumuluru and Davuluru channels and Kollipara new channel—G.O. No. 660 I., dated 15th March 1934.	54,071	41,230	..	3,200	1,500
	5. *Kistna Western.*—Excavation of the Kistna High Level canal (inclusive of land acquisition staff)—G.O. No. 975 I., dated 16th April 1935.	7,11,431	5,11,311	40,000	27,200	11,100
	6. *Guntur Division.*—Excavation of the Appapuram channel—G.O. No. 1003 I., dated 24th April 1936.	10,75,700	4,23,539	2,50,000	2,61,400	1,50,000
	7. Minor Works ..	..	..	6,100	2,100	11,800
	TOTAL—a. B. KISTNA DELTA SYSTEM.	..	..	2,98,200	2,94,500	2,01,400
a. C. KISTNA EAST BANK CANAL EXTENSION SCHEME.	*Kistna Central and Guntur Divisions.*—Kistna East Bank Canal Scheme—G.O. No. 231 I., dated 27th January 1933.	28,49,320	26,31,446	40,900	42,700	53,500
	TOTAL—a. C. KISTNA EAST BANK CANAL EXTENSION SCHEME.	..	..	40,900	42,700	53,500
a. D. PENNAR RIVER CANALS SYSTEM.	*Nellore.*—Fitting falling shutters over Sangam anicut—G.O. No. 2896 I., dated 17th December 1936.	1,36,500	67,080	50,000	42,000	6,000
	TOTAL—a. D. PENNAR RIVER CANALS SYSTEM	..	..	50,000	42,000	6,000

68. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—PRODUCTIVE—*cont.*

a. WORKS—*cont.*

SUB-HEADS of appropriation. (1)	Detailed account heads. [The provision for each major work and the lump sum provision for minor works should be treated as specific appropriations.] (2)	Figures by detailed account heads. Amount of Estimate. (3)	Accounts to end of 1938–1939. (4)	Reviewed Budget, 1939–1940. (5)	Revised Estimate, 1939–1940. (6)	Budget Estimate, 1940–1941. (7)
		RS.	RS.	RS.	RS.	RS.
a. E. KATTALAI SCHEME.	1. *Trichinopoly.*—Bed regulator across the Cauvery at Kattalai and High Level channel—G.O. No. 96 I., dated 12th January 1931. (Bed Regulator D.S. Rs. 6,84,000; High Level channel D.S. Rs. 15,91,000.)	D.S. 22,75,000	21,36,159	23,000	4,900	27,100
	2. *Trichinopoly.*—Extension of the Uyyakondan channel in the Trichinopoly and Tanjore districts—G.O. No. 1568 I., dated 31st July 1937.	45,000	5,955	22,000	22,000	10,000
	TOTAL—a. E. KATTALAI SCHEME.			45,000	26,900	37,100
a. F. CAUVERY DELTA SYSTEM.	(N) Extensions and Improvements to Orattur channel No. 3 ..	15,000	..	..	..	1,000
	TOTAL—a. F. CAUVERY DELTA SYSTEM ..	..	..	..	..	1,000
a. G. CAUVERY-METTUR PROJECT.	HEADWORKS.					
	1. Surplus sluices and shutters. 2. Saddle surplus cutting ..		(a) 1,25,408	..	† 400	..
	3. Special Tools and Plant—Maintenance and Repairs.		(a) 14	..	900	800
	4. *Deduct.*—Receipts by sale of Special Tools and Plant—					
	In India		(a)— 68,204	— 5,000	— 80,000	— 5,000
	5. Loss on stock		(a) 1,337	1,000	500	500
	TOTAL—HEADWORKS ..		58,555	— 4,000	— 78,200	— 3,700
	CANALS			35,000	31,000	19,600
	TOTAL—a. G. CAUVERY-METTUR PROJECT ..			31,000	† — 47,200	15,900
GRAND TOTAL—68. a. IRRIGATION WORKS—PRODUCTIVE—VOTED ..				5,14,700	3,96,000	3,58,000

(a) Actuals for 1938–39. (N) = New Work. D.S. = Deviation Statement.

† Includes Rs. 200 for expenditure in England on stores.

68. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—PRODUCTIVE—*cont.*

b. ESTABLISHMENT.

Sub-heads of appropriation. (1)	Strength. 1939–1940. (2)	Strength. 1940–1941. (3)	Details. (4)	Accounts, 1938–1939. (5)	Reviewed Budget, 1939–1940. (6)	Revised Estimate, 1939–1940. (7)	Budget Estimate, 1940–1941. (8)
				RS.	RS.	RS.	RS.
			A. SPECIAL ESTABLISHMENTS—PRODUCTIVE.				
b. A. I. Kistna East Bank Canal and Peddalanka Channel Schemes.			I. Kistna East Bank Canal and Peddalanka Channel Schemes.				
			Total—b. A. I. *Charged* ..	..	..	*700*	..
			Total—b. A. I. Voted ..	1,273	..	2,400	..
b. A. II. Cauvery-Mettur Project.			II. Cauvery-Mettur Project.				
			Canals and Headworks—(i) Public Works Establishments.				
			Voted—Pay of Officers	1,710	1,000	300	..
			Pay of Establishments	3,223	3,000	5,000	..
			(ii) Establishments other than Public Works Establishments.				
			Pay of Establishment. *Charged* ..	..	..	*1,200*	..
			Pay of Establishment. Voted ..	273	500	300	..
			Total—b. A. II—Cauvery-Mettur Project—Voted ..	5,206	4,500	*1,200* 5,600	..
GRAND TOTAL—68. b. A. ESTABLISHMENT—SPECIAL ESTABLISHMENTS—PRODUCTIVE				6,479	4,500	9,900	..
			Charged ..	..	..	*1,900*	..
			Voted ..	6,479	4,500	8,000	..

68. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—UNPRODUCTIVE.

h. ESTABLISHMENT.

Sub-heads of appropriation. (1)	(2)	(3)	Details. (4)	(5)	(6)	(7)	(8)
Improvements to Minor Irrigation Works.			SPECIAL ESTABLISHMENT.				
			Voted—Pay of Officers	982	..	..	..
			Pay of Establishments ..	4,860	..	400	..
			Allowances—Travelling Allowances	2,832	..	..	..
			Contingencies	63	..	..	..
GRAND TOTAL—68. h. SPECIAL ESTABLISHMENT—UNPRODUCTIVE—VOTED.				8,737	..	400	..